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**From:** Mizerek, Toni  
**To:** Cobb, Coralie H CIV NAVFAC SW, SWEV  
**Sent:** 8/10/2017 10:31:47 PM  
**Subject:** [Non-DoD Source] Re: Take Monitoring Plan  
**Attachments:** From Appendix-D Figures 2017 USMC Relocation BO final.pdf; snails.jpg

Hi Coralie,

Sorry about the delayed response. Please see info below for details about each species habitat.

**Snail habitat**

The 212 acres represents the amount of disturbed secondary limestone forest habitat, likely snail habitat (where developed land is excluded) that the DON proposes to clear within AAFB South. It does not include snail habitat that the DON did not propose to clear in their BA. See the attached map where yellow areas are likely snail habitat affected due to clearing and blue is the areas surveyed.

**Bat habitat**

The amount of bat habitat is 899 ac at AAFB, 918 ac at LFTRC and 319 ac at NMS of recovery habitat affected by noise > 65dB and is represented by the pink on Figures 129 and 20 attached (1817 ac and 319 ac respectively).

**Butterfly**

The amount of butterfly habitat is based on the 187ac within the LFTRC construction footprint that contains the 140 individual host plants. The difference between the 350 ac and 187 ac (approximately 6.2 mi (10km) is due to new edge created (BO pages 103, 141). I don't have a map for this right now. If you need/want one, let me know, I just might need a few more days given time differences between Guam and Honolulu offices.

Let me know if you have other questions,  
Toni

On Fri, Aug 11, 2017 at 8:28 AM, Cobb, Coralie H CIV NAVFAC SW, SWEV

← (b) (6) wrote:

Toni,

Do you have the information on the source of the 2,136 (864 ha) acres of bat roosting and foraging habitat, the 350 ac (142 ha) of Mariana eight spot butterfly habitat and the 212 ac (86 ha) of snail habitat from the BO?

Coralie

-----Original Message-----

**From:** Cobb, Coralie H CIV NAVFAC SW, SWEV  
**Sent:** Monday, July 31, 2017 6:30 PM  
**To:** Mizerek, Toni  
**Cc:** 'Salbosa, Lasha-lynn'; Jacqueline Flores  
**Subject:** Take Monitoring Plan

Toni,

When you get back, can we discuss where the 2,136 (864 ha) acres of bat roosting and foraging habitat, the 350 ac (142 ha) of Mariana eight spot butterfly habitat and the 212 ac (86 ha) of snail habitat from the BO?

Coralie

Coralie Cobb  
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"It's not about what it is, it's about what it can become."

--

Toni Mizerek, Ph.D.  
Fish and Wildlife Biologist

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